

OFFICIAL

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FACSIMILE COVER SHEET

TO: EXAMINER D. WILLE (U.S. PATENT AND TRADEMARK OFFICE)

CLIENT NUMBER: 53527

2814

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FROM: MICHAEL W. TAYLOR, ESQ.

DATE: September 5, 2002

NUMBER OF PAGES (INCLUDING COVER SHEET): 18

COMMENTS/INSTRUCTIONS:

Re: U.S. Patent Application Serial No. 09/653,390

Attached are copies of the following documents.

- 1. Amendment Transmittal**
- 2. Amendment (Official Action of 3/5/02)**
- 3. Request for Extension of Time**

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Case No. 99CT22053527

**DIRECTOR, U.S. PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231**

In re Application of: **COFFA ET AL.**

Serial No.: **09/653,390**

Filed: **September 1, 2000**

For: **SEMICONDUCTOR DEVICE FOR ELECTRO-OPTIC APPLICATIONS, METHOD
FOR MANUFACTURING SAID DEVICE AND CORRESPONDING
SEMICONDUCTOR LASER DEVICE**

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Small entity status of this application under 37 CFR § 1.27 has been established by a verified statement previously submitted

☐ A verified statement to establish small entity status under 37 CFR § 1.27 is enclosed.

☒ No additional fee is required.

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The fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)		SMALL ENTITY			LARGE ENTITY	
FOR:	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	FEE		RATE	FEE
TOTAL CLAIMS		20			X 9	\$		X 18	\$
INDEPT CLAIMS		3			X 42	\$		X 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ 135	\$		+ 270	
					TOTAL ADD'L FEE			TOTAL ADD'L FEE	\$

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 -- If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
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 "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the
 equivalent box in Col. 1
 of a prior amendment of the number of claims originally filed.

☐ Enclosed is our check in the amount of \$. The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.

☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.

☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**

☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

September 5, 2002
DATE

Michael W. Taylor
MICHAEL W. TAYLOR
REG. NO. 43,182

In re Patent Application of:
COFFA ET AL.
Serial No. 09/653,390
Filing Date: September 1, 2000

CERTIFICATE OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY that the foregoing correspondence
has been forwarded via facsimile number 703-308-7722 to the
Director, U.S. Patent and Trademark Office, Washington, D.C.
20231 this 5 day of September, 2002.

Lester Shanks

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#11B Amt: det
M. Brunson
9/1/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
COFFA ET AL.

Serial No. 09/653,390

Filing Date: September 1, 2000

For: SEMICONDUCTOR DEVICE FOR
ELECTRO-OPTIC APPLICATIONS,
METHOD FOR MANUFACTURING SAID
DEVICE AND CORRESPONDING
SEMICONDUCTOR LASER DEVICE

Examiner: D. Wille

Art Unit: 2814

Fax No. 703-308-7722

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AMENDMENT

Director, U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Responsive to the Official Action of March 5, 2002,
please enter the amendments and remarks set out below.

In the Specification:

Please replace the paragraph beginning at page 5,
line 33 with the following rewritten paragraph:

-- The manufacturing process will now be described
step by step. A silicon-on-insulator (SOI) wafer is provided
as a substrate 2 for the semiconductor device 1. A known
SIMOX or BESOI technology may be used to provide the SOI
wafer. However, instead of using an SOI wafer, the substrate
for the semiconductor device 1 may simply comprise a double
layer of a semiconductor material. For instance, the double
layer may include a first highly doped substrate layer and a

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